

Appl. No. 10/617,461
Ampl. Dated October 18, 2005
Reply to Office Action of June 14, 2005

List of Claims:

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1. CLAIM:

1. (Currently Amended) Disk (1, 11) for a force transmitting aggregate,
 - with a core plate (2, 12) exhibiting a front side (V) and a backside (R), wherein
 - the front side (V) and/or the backside (R) is provided with a friction lining (3v, 3r, 13v), thereby characterized, that
 - the friction lining (3v, 3r, 13v) exhibits an essentially planar surface (0_{3v}, 0_{3r}, 0_{13v}), and that
 - the friction lining (3v, 3r, 13v) exhibits at least one area (6) of the surface having a spring characteristic which and the at least one area is raised in comparison to the planar surface (0_{3v}, 0_{3r}, 0_{13v}); the raised at least one surface area (6) being formed unitarily with the remaining friction lining (3v, 3r, 13v), wherein the at least one raised area is compressed upon an engagement of the force transmitting aggregate friction lining whereby the at least one raised area is displaced to be in essentially the same plane as the essentially planar surface; the raised surface area (6) of the friction lining (3v, 3r, 13v) is surrounded by one or more grooves (4a, 4b, 5a, 5b, 5c, 14a, 14b, 15a, 15b, 15c).

2. (Cancel)

3. (Cancel)

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4. (Previously Presented) Disk (1, 11) according to claim 1, thereby characterized, that at least the raised surface area (6) of the friction lining (3v, 3r) exhibits a greater thickness ($d + \Delta d$) than the remaining areas.

5. (Previously Presented) Disk (1, 11) according to claim 3, thereby characterized, that the friction lining (3v, 3r), with the exception of the raised area (6) of the surface as well as the grooves (4a, 4b, 5a, 5b, 5c), exhibits an essentially uniform thickness (d), and in the raised area (6) of the surface exhibits a thickness ($d + \Delta d$) deviating from the uniform thickness (d).

6. (Previously Presented) Disk (1, 11) according to claim 1, thereby characterized, that the core plate (2, 12), at least in the raised area (6) of the surface of the friction lining (3v, 3r, 13v), exhibits a greater thickness than in the remaining areas.

7. (Previously Presented) Disk (1, 11) according to claim 1, thereby characterized, that the core plate (12) forms a raised surface area (6, 16).

8. (Canceled)

9. (Canceled)

10. (Previously Presented) Disk (1, 11) according to claim 1, thereby characterized, that the friction lining (3v, 3r, 13v) is formed of multiple component pieces.

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11. (Previously Presented) Disk (1, 11) according to claim 1, thereby characterized, that the at least one raised surface area (6) is formed in the manner of a spacer introduced or incorporated into the friction lining (3v, 3r, 13v).

12. (Previously Presented) Disk (1, 11) according to claim 1, thereby characterized, that the at least one raised surface area (6) is formed as a flat plateau, a bowed curved, or a cone.

13. (Currently Amended) Disk (21) for a force transmitting aggregate for a wet disk clutch,
- with a core plate (2, 12) exhibiting a front side (V) and a backside (R), wherein
- the front side (V) and the backside (R) are each provided with a friction lining (3v, 3r, 13v), the friction lining having a spring characteristic,

thereby characterized, that the surface of the friction lining (23v) increasing in thickness in the radial direction, wherein the friction lining is compressed during an engagement of the force transmitting aggregate whereby the friction lining is substantially parallel to the core plate.

14. (Previously Presented) Disk (21) according to claim 13, thereby characterized, that the thickness of the friction lining (32v) increases conically from outside towards inside or increases conically from inside towards outside.

15. (Cancel)

16. (Cancel)

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17. (Cancel)

18. (Previously Presented) Disk (1, 11) according to claim 1, wherein the force transmitting aggregate is a wet disk clutch.

19. (Cancel)

20. (Cancel)